

H. ROSS WORKMAN  
RICK D. NYDEGGER  
BRIAN C. KUNZLER  
DANIEL J. SEELEY  
BRENT P. LÖRIMER  
THOMAS R. VUKSINICH  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN H. GIVENS  
MICHAEL F. KRIEGER  
BRADLEY K. DESANDRO  
JOHN M. GUYNN  
GREGORY M. TAYLOR  
DANA L. TANGREN  
ERIC L. MASCHOFF  
KEVIN B. LAURENCE

SUSAN K. MORRIS  
JEFFREY L. RANCK  
CHARLES J. VEVERKA  
JONATHAN D. WOOD  
ROBYN L. COOPER  
DANIEL DELLENBACH  
TIMOTHY M. FARRELL  
JOHN N. GREAVES  
VANESSA B. PIERCE  
LENA I. VINITSKAYA  
KEVIN K. JOHANSON\*

\*REGISTERED PATENT AGENT

PATENT APPLICATION  
Docket No. 11675.106

PATENT

68066 U.S. PTO  
08801812

TRADEMARK

COPYRIGHT

TRADE SECRETS

UNFAIR COMPETITION

LICENSING

COMPLEX LITIGATION

INTERNET

HOME PAGE: <http://www.wnspat.com>  
GENERAL E-MAIL: [info@wnspat.com](mailto:info@wnspat.com)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION  
Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of John H. Givens for UTILIZATION OF ENERGY ABSORBING LAYER TO IMPROVE METAL FLOW AND FILL IN A NOVEL INTERCONNECT STRUCTURE, comprising thirty-two (32) pages of specification and claims, and a single signature Declaration, Power of Attorney and Petition.

Enclosed also are:

- One (1) drawing sheet.
- An assignment of the invention to Micron Technology, Inc., including a Form PTO-1595 recordation cover sheet.
- A certified copy of an \_\_\_\_\_ application.
- An Associate Power of Attorney
- A Verified Statement to Establish Small Entity Status Under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27
- A Certificate of Mailing by "Express Mail" certifying a filing date of February 14, 1997, by use of Express Mail Label No. EM246228404US.

U.S. Commissioner of Patents  
and Trademarks  
Page 2

The filing fee has been calculated as shown below.

FOR	NO. FILED	NO. EXTRA	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
			RATE	FEES	OR	RATE
BASIC FEE				\$ 385		\$ 770
TOT. CLAIMS	35-20=	15	X 11=	\$	OR X 22=	\$ 330
IND. CLAIMS	8-3=	5	X 40=	\$	OR X 80=	\$ 400
MULTIPLE DEPENDENT CLAIM PRESENTED			+130=	\$	OR +260=	\$
					TOTAL \$	OR TOTAL \$1,500

764120-21810880

Please debit Deposit Account No. 23-3178 in the amount of \$ \_\_\_\_\_ for the government filing fee. Triplicate copies of this sheet are attached.

Please debit Deposit Account No. 23-3178 in the amount of \$40.00 for recordation of the enclosed Assignment.

A check in the amount of \$1,540.00 is enclosed to cover the filing fee and the recordation of the enclosed Assignment.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Copies in triplicate of this sheet are enclosed.

Any additional filing fees required under 37 C.F.R. § 1.16.

Any patent application processing fees under 37 C.F.R. § 1.17.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178. Copies in triplicate of this sheet are enclosed.

Any patent application processing fees under 37 C.F.R. § 1.17.

U.S. Commissioner of Patents  
and Trademarks  
Page 3

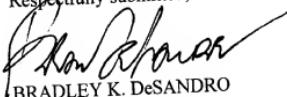
The issue fee set forth in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).

Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 14<sup>th</sup> day of February, 1997.

Respectfully submitted,



BRADLEY K. DeSANDRO  
Attorney for Applicant  
Registration No. 34,521

WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111  
Telephone: (801) 533-9800

BKD/RLP:cia:mkk  
G:\DATA\WPDOCS2\MKK\MICRON\11675106.TRX  
Docket: 11675.106

2018-07-14 10:47:20 - 00:00:00